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one or more first diffractive elements covering one or more zones of said basic lens element and having a first diffractive power; and

one or more second diffractive elements covering one or more zones of said basic lens element arranged as alternate semi-circular areas and having a second diffractive power,

whereby a first portion of the light travelling through said lens is focused at a first focal length by the combined power of said basic lens element and said first diffractive elements, and another portion of the light travelling through said lens is focused at a second focal length by the combined power of said basic lens element and said second diffractive elements.

4. A multifocal lens for correcting vision comprising:

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a basic lens element having a basic lens power and a basic focal length;

one or more first diffractive elements covering one or more zones of said basic lens element and having a first diffractive power; and

one or more second diffractive elements covering one or more zones of said basic lens element arrayed as alternating quarter circular area and having a second diffractive power,

whereby a first portion of the light travelling through said lens is focused at a first focal length by the combined power of said basic lens element and said first diffractive elements, and another portion of the light travelling through said lens is focused at a second focal length by the combined power of said basic lens element and said second diffractive elements.

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